

8/1

Notice of Allowability	Application No.	Applicant(s)	
	10/801,082	MENKARA ET AL.	
	Examiner Matt P. Hodges	Art Unit 2879	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to amendment filed 4/24/2006.
2. The allowed claim(s) is/are 1-42.
3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All
 - b) Some*
 - c) None
 of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of
 Paper No./Mail Date _____.
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.

DETAILED ACTION

Response to Amendment

The Amendment, filed on 4/24/2006, has been entered and acknowledged by the Examiner.

Allowable Subject Matter

Claims 1-42 are allowed.

The following is an examiner's statement of reasons for allowance:

Regarding claim 1, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 1, and specifically comprising the limitation of a phosphor blend including the host particle being composed of the formula $MA_2(S_xSe_y)_4:B$ where $x+y$ is between 0.75 and 1.25 and where neither x or y is equal to zero. (See applicant's response filed 4/24/2006 for further information)

Regarding claims 2-10, claims 2-10 are allowable for the reasons given in claim 1 because of their dependency status from claim 1.

Regarding claim 11, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 11, and specifically comprising the limitation of a light emitting device including a phosphor blend where the host particle is composed of the formula $MA_2(S_xSe_y)_4:B$ where $x+y$ is between 0.75 and 1.25 and where neither x or y is equal to zero.

Regarding claims 12-15, claims 12-15 are allowable for the reasons given in claim 11 because of their dependency status from claim 11.

Regarding claim 16, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 16, and specifically comprising the limitation of a phosphor blend including the host particle being composed of the formula $MA_4(S_xSe_y)_7:B$ where $x+y$ is between 0.75 and 1.25 and where neither x or y is equal to zero.

Regarding claims 17-24, claims 17-24 are allowable for the reasons given in claim 16 because of their dependency status from claim 16.

Regarding claim 25, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 25, and specifically comprising the limitation of a light emitting device including a phosphor blend where the host particle is composed of the formula $MA_4(S_xSe_y)_7:B$ where $x+y$ is between 0.75 and 1.25 and where neither x or y is equal to zero.

Regarding claims 26-29, claims 26-29 are allowable for the reasons given in claim 25 because of their dependency status from claim 25.

Regarding claim 30, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 30, and specifically comprising the limitation of a phosphor blend including the host particle being composed of the formula $(M1)_m(M2)_nA_p(S_xSe_y)_q:B$ where $x+y$ is between 0.75 and 1.25 and where neither x or y is equal to zero.

Regarding claims 31-42, claims 31-42 are allowable for the reasons given in claim 30 because of their dependency status from claim 30.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matt P Hodges whose telephone number is (571) 272-2454. The examiner can normally be reached on 7:30 AM to 4:00 PM M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel can be reached on (571) 272-2457. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

mph



NIMESHKUMAR D. PATEL
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800